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**Liquid crystal display** - Wikipedia, the free encyclopedia

A liquid crystal **display** (LCD) is a thin, **flat** electronic visual **display** that uses the .... although the **electron beam** employed in CRTs do not hit exact 'subpixels'. .... An SVGA LCD **panel** with 4 **defective pixels** is usually considered .... Techmind offers a free **test** screen to get a better LCD picture quality than ...  
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**Electron-beam testing of flat panel display** substrates - Elsevier

by R Schmitt - 1994 - Cited by 1 - Related articles

7: **E-beam** input: **Electron beam** charging of **pixels** in a MIM matrix **defective** good **defective** 40 R. Schmitt et al. / **E-beam testing of flat panel display** ...  
linkinghub.elsevier.com/retrieve/pii/0167931794900523

**AKT Introduces AKT-40K EBT for Testing 7th Generation Flat Panel** ...

AKT Introduces AKT-40K EBT for **Testing** 7th Generation **Flat Panel Display** Substrates ... the AKT-40K EBT (**Electron Beam** Array Tester) for **pixel** array **testing** of ... This new **electron-beam test** system is the perfect partner to our AKT-40K PECVD ... to **testing** increases detection accuracy and permits superior **defect** ...  
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**Method to determine pixel condition on flat panel displays** using ...

by GL Toro-lira - 1999 - Cited by 8 - Related articles

The invention involves **E-beam testing** of a **flat panel display** whose TFT **pixel** ... Thus a typical output signal profile for the non-**defective pixel** is as ...  
www.freepatentsonline.com/5982190.html

**Testing flat panel display** plates using high frequency AC signals ...

by GL Toro-lira - 2006 - Related articles

The present invention relates generally to **testing flat panel displays** (FPDs). .... by using the **electron beam** to externally charge any of the OLED **pixel** ...  
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www.allbusiness.com/electronics/computer...displays/5659551-1.html - Cached

**LOCALIZATION OF DRIVER FAILURES WITHIN LIQUID CRYSTAL DISPLAYS** ...

4 illustrates an **electron beam test** system for localizing driver circuit ... TFT **defects** on **flat panel** substrates include **pixel defects** and/or line **defects**. ...  
www.faqsg.org/patents/app/20080284760 - Cached

### Using Flat Panel Displays in Education

Sep 5, 2008 ... These screens have an **electron** gun that fires a **beam** of electrons ... check any **flat panel display** prior to purchase for 'dead' **pixels** - they may not ... motion blur: can be significant on **flat panel displays** so **test** out ...

[www.zardec.net.au/keith/flat.htm](http://www.zardec.net.au/keith/flat.htm) - [Cached](#) - [Similar](#)

### Etec Systems Inc. acquires Ebetech GmbH, manufacturer of **electron** ...

The Ebetech FPD (1) (**Flat Panel Display**) See LCD, plasma **display**, ... as it tests a panel, injects a charge individually onto each **pixel** of the **display** ... This allows the system to identify **defects** such as shorts, open circuits and ... Panel **testing** is increasing and the **electron-beam test** technique for FPDs has a ...

[www.thefreelibrary.com/Etec+Systems+Inc.+acquires+Ebetech+GmbH,+manufacturer+of...-a019222151](http://www.thefreelibrary.com/Etec+Systems+Inc.+acquires+Ebetech+GmbH,+manufacturer+of...-a019222151) - [Cached](#)

### (WO/2006/062812) LINE SHORT LOCALIZATION IN LCD **PIXEL** ARRAYS

[0002] Active matrix liquid crystal **displays** (LCDs) are commonly used for .... TFT **defects** on **flat panel** substrates include **pixel defects** and/or line **defects**. ... The voltage of the **pixel** may be measured by **electron beam testing**, ...

[www.wipo.int/pctdb/ja/wo.jsp?WO=2006062812...DISPLAY...](http://www.wipo.int/pctdb/ja/wo.jsp?WO=2006062812...DISPLAY...) - [Cached](#)

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